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(54) Title: ALLELIC VARIATION IN HUMAN GENE EXPRESSION

(57) **Abstract:** Genetically-determined variation in expression levels is an important component of human diversity and has significant implications for normal and abnormal human physiology. Using this genetically determined variation one can identify disease risk factors in individuals. One can associate such variations with birth defects, diseases, and non-disease traits. Such variations can be associated with susceptibility or resistance to the effects of drugs or other therapeutic interventions.